

# AFWERX Announces Spiral Among Top Selected Teams Vying to Build the Base of the Future

*AFWERX, the innovation catalyst within the U.S. Air Force, announced Spiral as one of the top 92 teams globally competing to build the Base of the Future.*

BOSTON, MA, UNITED STATES,  
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EINPresswire.com/ -- The [AFWERX Challenge](#) is centered around six topics - Base Security, Installation Resilience, Leveraging Technology for Operational Effectiveness, Reverse Engineering, Culture of Innovation, and Airman and Family Wellbeing. The proposals selected to advance represent innovative solutions ranging from new base security technology and VR training modules to virtual assistants and apps designed for wellness and leadership development.



Located in Boston, MA, [Spiral](#) is competing in the Leveraging Technology for Operational Effectiveness Challenge alongside a [diverse group of teams](#) - originating from the vast regions of North America, Europe, Australia and other allied countries - that represent entrepreneurial startups, small businesses, large enterprises, academic institutions and research labs all vying to build the Base of the Future and modernize the Department of Defense.

"The AFWERX Base of the Future Challenge is critical to our mission of increasing collaboration between large businesses and entrepreneurs to accelerate solutions for the Air Force," stated Mark Rowland of AFWERX. "On behalf of AFWERX and the Department of Defense, we congratulate the teams advancing to the next phase. Their contributions are invaluable and have the potential to create game-changing results across the Air Force enterprise."

The Leveraging Technology for Operational Effectiveness Challenge strives to leverage artificial intelligence, additive manufacturing and machine learning to build an Air Force base that becomes a leader in innovation. With the rebuild of the Tyndall Air Force Base in Florida, the U.S. Air Force has the potential to create an installation that will be a model for Air Force bases of

tomorrow by implementing state of the art operational technology, automation, artificial intelligence, digital integration, and cybersecurity to build the newest installation and ensure it becomes a premier innovation hub for industry and government.

Spiral is tackling the \$650bn problem of industrial downtime by extending the digital workflow right up to the mechanics through the augmented reality headset. The Spiral's system helps technicians to process work instructions faster, to conduct inspections more efficiently, and to ensure the accuracy in real-time.

Together with VeriTX, a digital marketplace for physical assets, we offer seamless purchase requisitions straight from the shop floor or flight line eliminating paper hand-overs and streamlining the delivery.

"We believe that capture is even more important than the display of information since the data collected on the shop floor can be used for operation confirmation and automated quality assurance," said Konstantyn Shyhskin, CEO of Spiral.

We also are proud to partner with vGIS, an infrastructure visualization specialist, that extends the capabilities of AR to enhance maintenance of the components of the critical underground systems.

The AFWERX Fusion 2020 Showcase recently featured 370 of the participating teams selected from a record breaking 1,500+ submissions received for the Base of the Future Challenge. Throughout the event teams pitched their solutions to a panel of subject matter experts from the relevant sectors of the Air Force. The top 92 selections were identified and invited to further engage with the Air Force during the week of August 31 with the hope of obtaining contracts. For a complete list of participating teams visit [fusion.afwerxshowcase.com](https://fusion.afwerxshowcase.com).

The Base of the Future theme was inspired by Tyndall Air Force Base in Florida, which was decimated by Hurricane Michael, a Category 5 storm that occurred in 2018. For decades, Tyndall had been home to many generations of Airmen and their families. In the storm's aftermath, nearly 500 buildings were destroyed or damaged beyond repair. Fortunately, Congress approved a \$3 billion military construction rebuild program, sparking hope that Tyndall would re-emerge stronger than ever before. The aspirational initiative seeks to create a robust installation that will become a universal symbol of innovation and excellence that can scale across the U.S. Air Force.

## ABOUT Spiral

Spiral is an augmented reality company increasing mechanic labor productivity by putting all necessary technical knowledge in front of the eyes of the busiest technicians keeping their hands free for important tasks. Our platform simplifies work instructions, allows operation confirmation, and provides correctness checking with AI. Spiral is a Techstars portfolio company that completed Accelerator sponsored by the U.S. Air Force and BAE Systems.

## ABOUT AFWERX

Established in 2017, AFWERX is a product of the U.S. Air Force, directly envisioned by former Secretary of the Air Force Heather Wilson. Her vision of AFWERX — to solve some of the toughest challenges that the Air Force faces through innovation and collaboration amongst our nation's top subject matter experts. AFWERX serves as a catalyst to unleash new approaches for the warfighter through a growing ecosystem of innovators. AFWERX and the U.S. Air Force are committed to exploring viable solutions and partnerships to further strengthen the Air Force, which could lead to additional prototyping, R&D, and follow-on production contracts.

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